

## **METHOD AND APPARATUS FOR MAKING A BRAIDED STENT WITH SPHERICALLY ENDED WIRES**

### **ABSTRACT**

A method and apparatus for cutting a braided wire stent to a predetermined length such that a ball or sphere is formed on the end of each cut wire of the stent. These spheres are advantageous in that they provide added comfort to the patient and also act against the other wires of the stent to prevent the stent from becoming unbraided during the process of collapsing and expanding the stent such as is done when the stent is being inserted into a patient. The apparatus releasably holds and precisely positions the wires while the spheres are being formed.